

Create and configure IBM Cloud Services

Create IBM Watson IoT Platform and Device

Date	08-11-2022
Team ID	PNT2022TMID49099
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

To create IBM Watson IoT Platform and Device.

STEPS:

- Firstly create an IBM cloud account with IBM id and password.
- Click on the catalog on the top of the home page of IBM Cloud.
- Click on IoT in the category.
- If already a lite is present delete it else u can't create another.
- Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with it agreements and then click on create.
- Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other services)
- Clicking on the launch button in the manage tab, it will open to this.
- Enter the details to sign in to the Watson Cloud to create a device.

- Once logged in the name will be displayed and it goes back to the first page.
- And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.
- The member tab is add the teams members to work in the platform. Click on the device tab and click on the add device button, then give the device type and device id and click next
- This page to enter extra details and of the hardware.
- Clicking next it goes to the security where we do authentication token id.
- Clicking on next it goes to the summary of the device then click finish.
- The device credentials will be displayed with all the details.
- Clicking on the device tab we can now see the added device. Clicking on it will display the other details.
- It has different tabs like Identity, Device Information, State and login.
- The Boards will display card for the project.

IBM Watson IoT Platform

h9ps3s.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

Device Simulator

Search by Device ID

Device ID	Status	Device Type	Class ID	Date Added
6715	Disconnected	child_safety_gadget	Device	Nov 8, 2022 3:54 PM

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IBM Watson IoT Platform

h9ps3s.internetofthings.ibmcloud.com/dashboard/boards

IBM Watson IoT Platform

Create New Board

Your boards

Sort By Recently changed

USAGE OVERVIEW

3 Cards

Owned by you

RISK AND SECURITY OVERVIEW

4 Cards

Owned by you

Boards shared with you

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes the IBM logo and the user's email address, nandhusp222@gmail.com, with the ID h9ps3s. The main heading is "Browse Members". Below the heading, a table lists the members of the organization. The table has columns for Email Address, Name, Role, Added By, and Expires. There are 4 results listed. Each row has a checkbox on the left and a toggle switch on the right. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 4:09 PM on 11/8/2022.

Email Address	Name	Role	Added By	Expires
sangeethamurugesan1210200...	Sangeetha M	Operator	nandhusp222@gmail.c...	-
nandhusp222@gmail.com	nandhusp222@gmail.c...	Administrator	-	-
kp08072002@gmail.com	Kaveri P	Developer	nandhusp222@gmail.c...	-
apkvasuki@gmail.com	Keerthana R	Analyst	nandhusp222@gmail.c...	-

An IBM Watson cloud for IoT and a device is created.